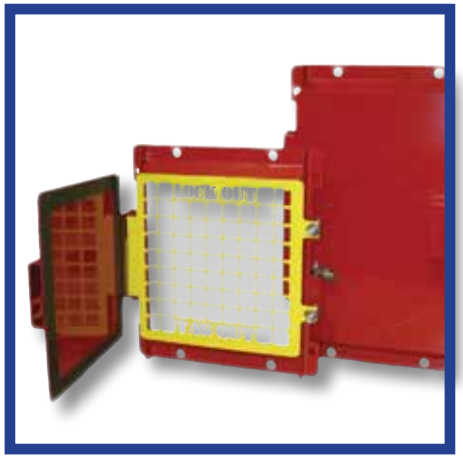
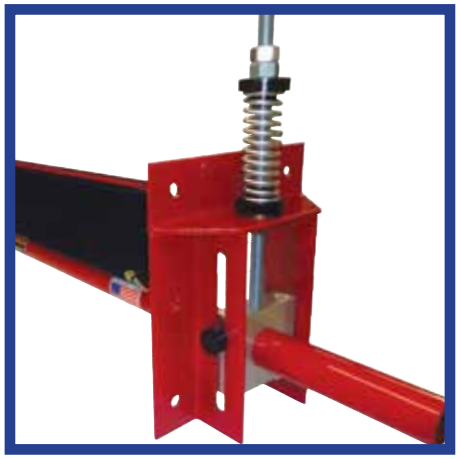
American Eagle Manufacturing

CONVEYOR ACCESSORIES





AMERICAN EAGLE MANUFACTURING LLC

GET THE *EAGLE EDGE!*

MADE IN THE USA

AEM-0614

Table of Contents

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

THE INFORMATION IN THIS BROCHURE IS A BRIEF OVERVIEW OF SOME OF AMERICAN EAGLE MANUFACTURING PRODUCTS. FOR MORE DETAILED INFORMATION ON A SPECIFIC PRODUCT PLEASE VISIT OUR WEBSITE OR CONTACT US.

AMERICAN EAGLE MANUFACTURING IS PROUD TO BE A FAMILY OWNED U.S. BASED MANUFACTURER. THE MAJORITY OF OUR PRODUCTS ARE MANUFACTURED IN HOUSE OR BY LOCAL VENDORS, ENSURING TIGHT QUALITY CONTROLS WITH OUR PRODUCT LINE.

PRIMARY BELT CLEANERS AND ACCESSORIES	3-4
SECONDARY BELT CLEANERS AND ACCESSORIES	5-6
REPLACEMENT BLADES	7
SKIRT BOARD	8
CLAMPS	9
LOAD ZONE SYSTEMS AND ACCESSORIES	10-11
SAFETY PRODUCTS	12
BELT ALIGNMENT	13
CHUTE LINERS	14
	15

VISIT US ONLINE
AMERICANEAGLEMANUFACTURING.COM

Primary Cleaner Selection

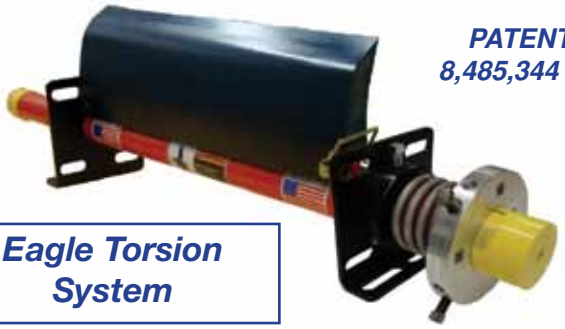
GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

Eagle Torque System

E5 EAGLET PRIMARY CLEANER

Available for 18” to 48” Belt Width

- Eagle Torque System
- Standard Ev-R-Wear Blade 6” blade height
- Standard blades -2 & -8 belt width
- 2” O.D. Schedule 80 mounting tube



PATENT 8,485,344 B1

Eagle Torsion System

E5HP HIGH PERFORMANCE EAGLET PRIMARY CLEANER

Available for 18” to 48” Belt Width

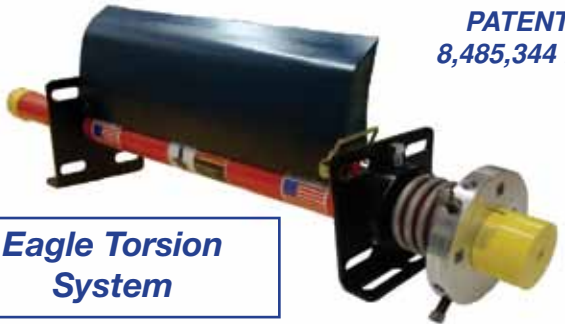
- Eagle Torsion System stainless steel spring
- Standard Ev-R-Wear Blade 6” blade height
- Standard blades -2 & -8 belt width
- 2” O.D. Schedule 80 mounting tube

Eagle Torque System

E1 MINE DUTY PRIMARY CLEANER

Available for 18” to 72” Belt Width

- Eagle Torque System
- Standard Ev-R-Wear Blade 6 5/8” blade height
- Standard blades -2 & -8 belt width
- 2 3/8” O.D. Schedule 80 mounting tube



PATENT 8,485,344 B1

Eagle Torsion System

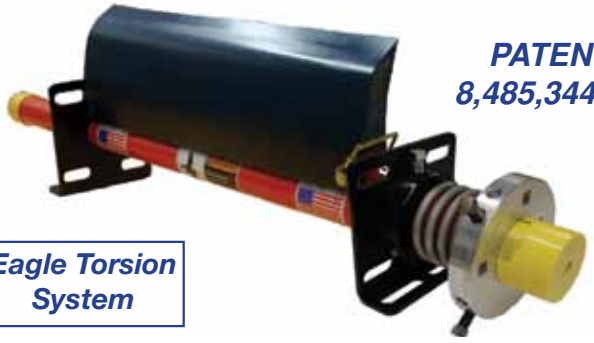
E1HP HIGH PERFORMANCE MINE DUTY PRIMARY CLEANER

Available for 18” to 72” Belt Width

- Eagle Torsion System stainless steel spring
- Standard Ev-R-Wear Blade 6 5/8” blade height
- Standard blades -2 & -8 belt width
- 2 3/8” O.D. Schedule 80 mounting tube

Primary Cleaner Selection

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.



E4HD HEAVY DUTY PRIMARY CLEANER

Available for 18" to 72" Belt Width

- Eagle Torsion System stainless steel spring
- Standard Ev-R-Wear Blade 7 1/2" blade height
- Standard blades -2 & -8 belt width
- 2 3/8" O.D. Schedule 80 mounting tube

E11 XTREME HEAVY DUTY PRIMARY CLEANER

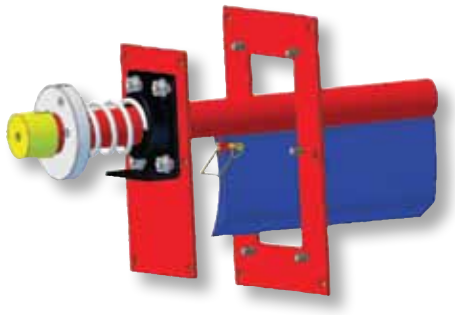
Available for 18" to 72" Belt Width

- Eagle Torsion System stainless steel spring
- Standard Ev-R-Wear Blade 11" blade height
- Standard blades -6, -12, & -18 belt width
- 2 3/8" O.D. Schedule 80 mounting tube

OTHER SIZES AVAILABLE UPON REQUEST

EAGLE UNIVERSAL TELESCOPING MOUNT

Designed to provide quick installation of primary cleaners without headboxes. Eliminates the need to fabricate a custom bracket.



EAGLE BLADE ACCESS PLATE

Designed to eliminate a major safety hazard. Eagle Blade Access Plate allows removal of the entire primary cleaner as a cartridge from one side of the headbox. This eliminates personnel getting inside the headbox, eliminating a safety hazard.

Secondary Cleaner Selection

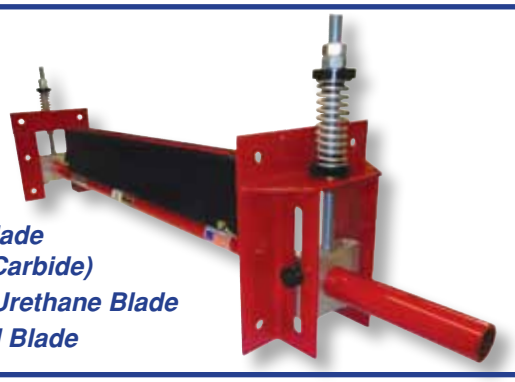
GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

1) Gladiator Blade (Tungsten Carbide)
2) Ev-R-Wear Urethane Blade
3) AR300 Steel Blade

E7 SECONDARY CLEANER

Available for 18" to 72" Belt Width

- 3 blade option
- Adjustable bracket
- Manual tensioner
- Mechanical and vulcanized belt capable
- Compatible with reversible belts

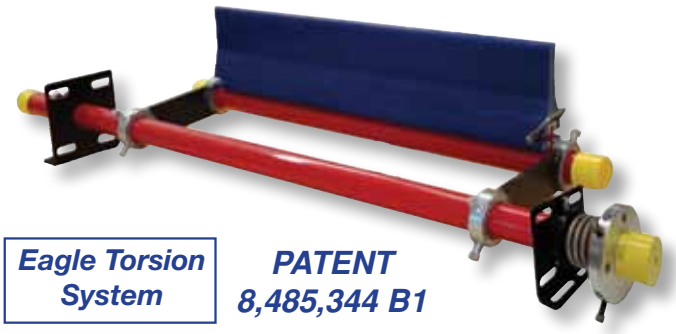


1) Gladiator Blade (Tungsten Carbide)
2) Ev-R-Wear Urethane Blade
3) AR300 Steel Blade

E8 SECONDARY CLEANER WITH SPRING TENSIONER

Available for 18" to 72" Belt Width

- 3 blade option
- Adjustable bracket
- Spring tensioned
- Mechanical and vulcanized belt capable
- Compatible with reversible belts



Eagle Torsion System

PATENT 8,485,344 B1

E12 CANTILEVER SECONDARY CLEANER

Available for 18" to 72" Belt Width

- Eagle Torsion System stainless steel spring
- Ev-R-Wear Urethane Blades, 6" blade height
- Standard blades -2 belt width
- 2" O.D. Schedule 80 mounting tube
- L-Bracket for easy mounting

Secondary Cleaner Selection

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

E3 V-PLOW
Available for 18” to 72” Belt Width

- 3 point mounting system
- Safety chain included
- Long life Ev-r-Wear™ urethane blade
- Heavy gauge steel construction
- All metal components powder coated

E9 DIAGONAL PLOW
Available for 18” to 72” Belt Width

- 2 point mounting system
- Long life Ev-r-Wear™ urethane blade
- Heavy gauge steel construction
- All metal components powder coated
- Compatible with reversible belts

SPRAY BAR

The Eagle Spray Bar is designed to dislodge carryback embedded in the belt’s surface to improve belt cleaning.

Replacement Blades

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

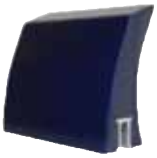
Ev-R-Wear™ *Primary Blades*

American Eagle is a premier manufacturer of high performance replacement belt cleaner blades and scrapers. Our blades are engineered to offer high resistance to abrasion with low friction additives that extends the life of our blades in the most challenging applications.

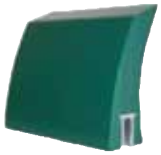
BLADE MATERIAL OPTIONS

PURE-WHITE®
FDA Polyurethane
White 85A

Heat Resistant
-40 to 300 °F
Red 95A



Ev-R-Wear™
High Performance
Blue 85A



Chemical/Acid
Resistant
Green 80A

Solid
Polyurethane
Orange 85A

Gladiator Secondary Blades

PATENT PENDING

American Eagle's Gladiator Blade Design is not only for our product line but will retrofit most OEM Secondary Belt Cleaners.

Our single blade design will not damage your belt like segmented blades. No need for fancy, expensive cartridges like other OEMs, just pull one pin, blade and replace.

BLADE TIP OPTIONS

1) Gladiator Blade (Tungsten Carbide)
2) Ev-R-Wear Urethane Blade
3) AR300 Steel Blade

The fastest and safest secondary blade you will ever replace.

BLUE-FLEX SKIRTBOARD

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

BLUE-FLEX™

Dust Containment

Our URETHANE BLUE-FLEX™ SkirtBoard is the solution for dust containment in bulk transfer points. Designed to have low coefficient friction that reduces drag, BLUE-FLEX combines a high tensile strength resulting in longer wear and less tearing compared to rubber skirtboard. The benefits extend beyond dust containment to less maintenance cost, less downtime for replacement and less overall belting and motor fatigue.

Benefits of BLUE-FLEX™

- Special 58A urethane compound
- 60% lower coefficient of friction
- Reduced drag
- Increased life over rubber

FOOD GRADE SKIRT BOARD

Material meets FDA criteria for the following: CFR21.177.1680

WHITE-FLEX™

Dust Containment

Our URETHANE WHITE-FLEX™ SkirtBoard is the solution for dust containment in bulk transfer points. Designed to have low coefficient friction that reduces drag, WHITE-FLEX combines a high tensile strength resulting in longer wear and less tearing compared to rubber skirtboard. The benefits extend beyond dust containment to less maintenance cost, less downtime for replacement and less overall belting and motor fatigue.

Benefits of WHITE-FLEX™

- Special 58A urethane compound
- 60% lower coefficient of friction
- Reduced drag
- Increased life over rubber

EAGLE CLAMPS

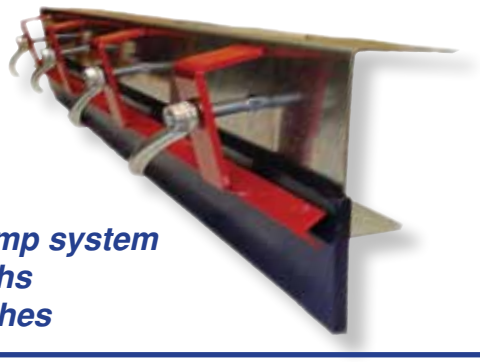
GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

Eagle Claw Clamp (ESB-C)

- Easy handles for quick installation and adjustments
- Standard 2', 4' and 5' lengths
- Hardware included

Eagle Claw Clamp & AR Liner (ESB-AR)

- Liner designed to be installed inside or outside of chute wall
- Easy handle adjustments
- Liner material is AR400
- Hardware included



Use this clamp system for belt widths over 42" inches

Eagle Claw Clamp & Rail (ESB-CR)

- Quick Weld Rail System
- Rail designed to angle skirtboard for a better seal on the belt
- Easy handle adjustments
- Hardware included

Eagle Load Zone Systems

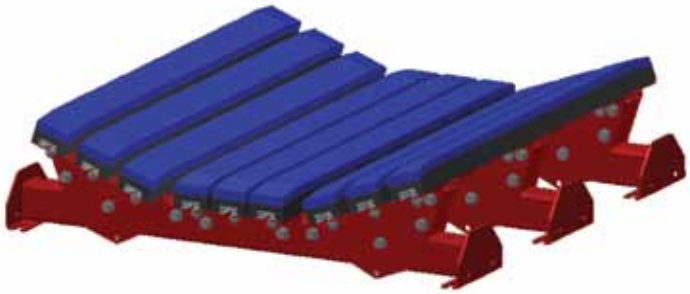
GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

EAGLE SLIDER BED
Available for 18” to 72” Belt Width

- Bed Length Available 48” and 60”
- Slider Bars material (composite molded plastic)

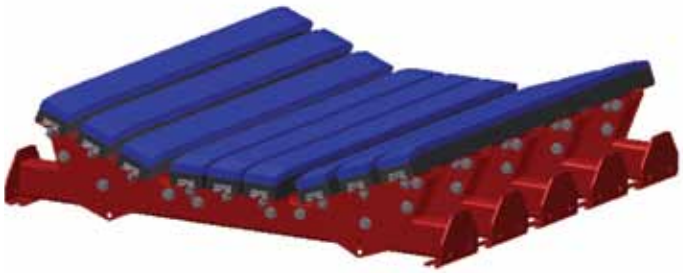
EAGLE SLIDE AND ROLL BED
Available for 18” to 72” Belt Width

- Bed Length Available 48” and 60”
- Slider Bars material (composite molded plastic)
- Center rollers for less drag



EAGLE MEDIUM DUTY IMPACT BED
Available for 18” to 72” Belt Width

- Bed Length Available 48” and 60”
- Impact Bars material (composite molded plastic with rubber body for impact absorption).



EAGLE HEAVY DUTY IMPACT BED
Available for 18” to 72” Belt Width

- Bed Length Available 48” and 60”
- Impact Bars material (composite molded plastic with rubber body for impact absorption).

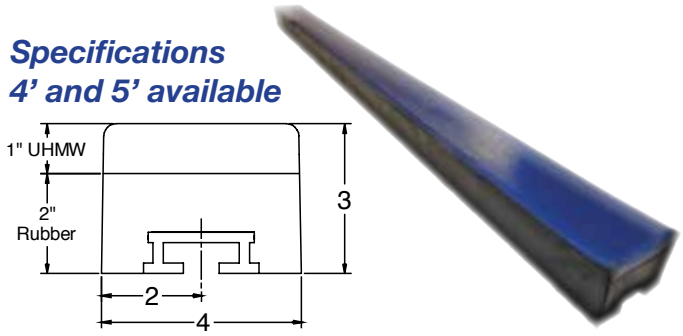
Load Zone Accessories

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

IMPACT BARS

Eagle impact bars are designed to absorb the energy from falling materials at the load zone on to your belt.

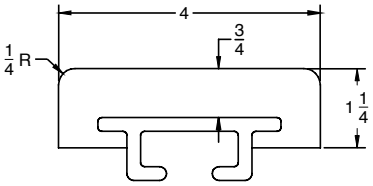
Specifications
4' and 5' available



SLIDER BARS

Eagle slider bars are designed to support the belt by providing a flat surface that aids in sealing the load zone.

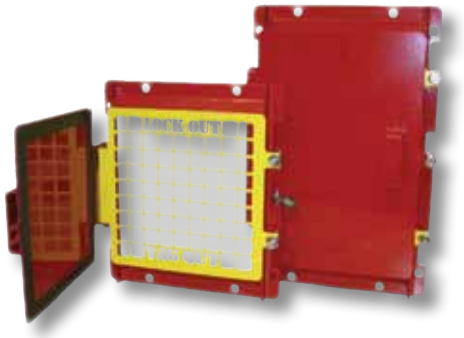
Specifications
4' and 5' available



Eagle Safety Products

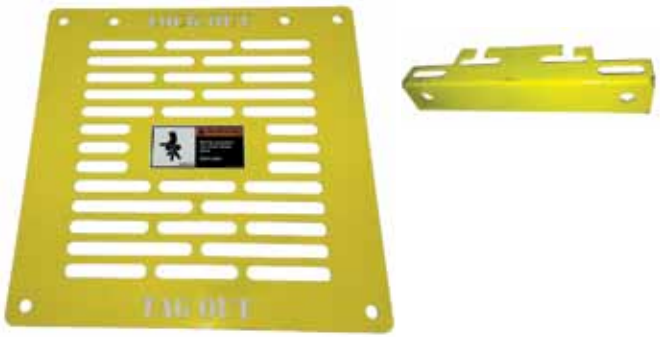
PROTECTING YOUR INVESTMENT

GET THE ***EAGLE EDGE!***
MADE IN THE U.S.A.



EAGLE SAFETY INSPECTION ACCESS DOOR

Designed for chute inspection and easy access for maintenance of primary cleaners and blade change out.



EAGLE SIDE GUARDS

- Standard and custom sizes available.
- All steel construction with safety yellow powder coating.
- Bracket for easy mounting to return idler roller bracket.

Belt Alignment

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

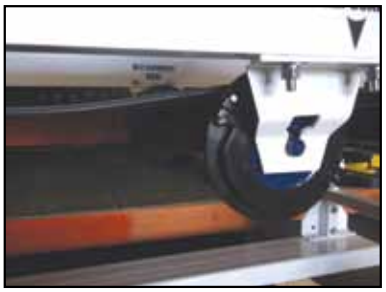
BELT ALIGNMENT ROLLER
Eagle Commander

Eagle commander is designed to persuade your belt to track on center of your conveyor roller's. As the belt starts to track off to one side the Eagle Commander roller cams to lift the belt up on that side to persuade the belt back on center.

EAGLE ALIGNMENT DISKS

Eagle Alignment Disks are designed to protect a mistracking belt from rubbing against conveyor frame work. The belt is held between the alignment disks protecting from any side damage. The belt at worst case will be force up the side of the disk. Since the disks are always moving and not stationary the belt moves with the disk instead of rubbing against the roller brackets. This will extend the life of your belt and help eliminate side tear and premature belt failures.

Sizes Available for 4", 5" & 6" return idler rollers

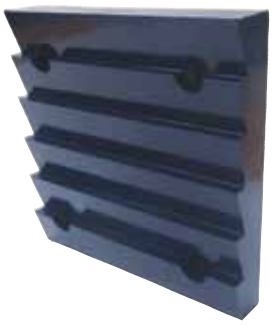


Product is best suited for lightweight belts that are no more than 1/2 thick and 42" wide.

Urethane Liners

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

EAGLE ARMOUR



2 Mounting Options

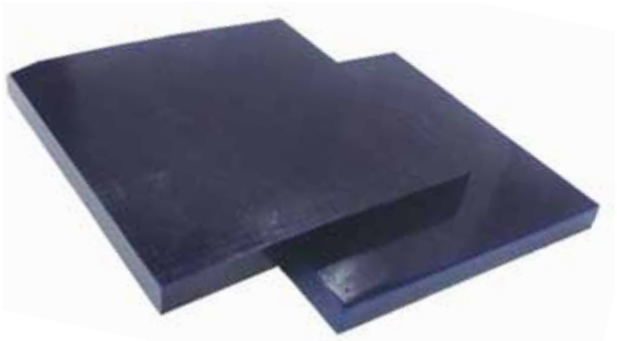
EAGLE STEP LINER PANELS

Step Liner panels are molded urethane with carbide and ceramic particles for direct impact of materials. The steps in the panel are designed to catch a thin layer of material that aids as the primary wear surface that increases the life of the panel.

2 Mounting Options

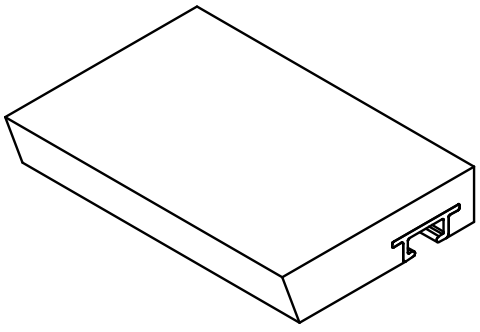
EAGLE IMPACT LINER PANELS

Impact panels are molded urethane with carbide and ceramic particles for direct impact of materials.



URETHANE SHEET MATERIAL

Eagle Sheet Material is manufactured from premium blends of urethane specifically designed for high abrasion resistance applications.



BUMPER BOARD LINERS

Bumper Board is your solution for lining the inside of your chutes, hoppers and deck screen boxes. Made from high abrasion resistance urethane for extreme impact and dust containment.

NOTES

GET THE *EAGLE EDGE!*
MADE IN THE U.S.A.

AMERICAN EAGLE MANUFACTURING LLC

New Bern, North Carolina 28562

1-866-713-8985 • *fax* 252-633-5487

www.AmericanEagleManufacturing.com

"A Disabled Veteran Owned Company"